

|   | L # | Hits | Search Text   | DBs   | Time Stamp          |
|---|-----|------|---|---|---------------------|
| 1 | L1  | 7872 | ((427/526-531,533,535,540,562,563,564,569,567) or (204/192.15,192.16,192.38)) .CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2007/04/24<br>16:37 |
| 2 | L2  | 41   | L1 and ((turbine engine rotor) near5 (compressor disk disc seal))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2007/04/24<br>16:41 |
| 3 | L3  | 23   | L2 and (Ion with (implant\$7 bombard\$7 inject\$7 mix\$5 beam stream ray deposit\$5) IBAD IB)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2007/04/24<br>16:43 |
| 4 | L4  | 64   | ((turbine engine rotor) near5 (compressor disk disc seal)) same(Ion with (implant\$7 bombard\$7 inject\$7 mix\$5 beam stream ray deposit\$5) IBAD IB) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2007/04/24<br>16:42 |
| 5 | L5  | 60   | L4 not L3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2007/04/24<br>16:41 |
| 6 | L6  | 1136 | ((turbine engine rotor) near5 (compressor disk disc seal)) and (Ion with (implant\$7 bombard\$7 inject\$7 mix\$5 beam stream ray deposit\$5) IBAD IB) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2007/04/24<br>16:42 |
| 7 | L7  | 1053 | L6 not (L3 or L5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | 2007/04/24<br>16:42 |

L10  
+  
L11

L12  
+  
L13

+

10/634,543

|    | L # | Hits       | Search Text   | DBs   | Time Stamp          |
|----|-----|------------|---|---|---------------------|
| 8. | L8  | 131906     | (Chromium Cr aluminum Al yttrium "Y.u/c." Cerium Ce zirconium Zr hafnium Hf silicon Si) Same (Ion with (implant\$7 bombard\$7 inject\$7 mix\$5 beam stream ray deposit\$5) IBAD IB) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2007/04/24<br>16:45 |
|    |     | ↓          |   |   |                     |
| 9  | L9  | 256        | L7 and L8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2007/04/24<br>16:45 |
| 1  | 10  | L10 (20) ✓ | L3 and L8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2007/04/24<br>16:46 |
| 2  | 11  | L11 (3) ✓  | L3 not L10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2007/04/24<br>16:46 |
| 3  | 12  | L12 (15) ✓ | L5 and L8<br><i>2005/0031794A1<br/>includes these cases pre-pub</i>   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2007/04/24<br>16:46 |
|    | 13  | L13 (45) ✓ | L5 not L12  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2007/04/24<br>16:46 |